

Our Reference: VTE-138-B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jeff Moler et al.
Serial Number: 10/613,138
Filing Date: July 3, 2003
Examiner/Art Group Unit: Unknown/2834
Title: TEMPERATURE COMPENSATING FOR A
MECHANICALLY LEVERAGED SMART
MATERIAL ACTUATOR

CERTIFICATE OF MAILING AND TRANSMITTAL LETTER

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

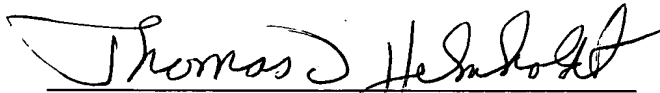
Sir:

Transmitted with this document is a Postcard; Supplemental Information Disclosure Statement; Form PTO-1449; copy of International Search Report; and 6 cited references in the above-identified application.

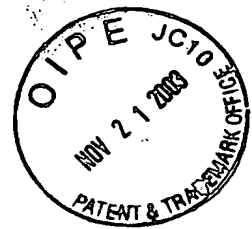
X No additional fee is required.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on **November 17, 2003**.


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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The references listed in the attached form PTO-1449 are cited pursuant to Rule 37 C.F.R. 1.56 to meet the duty to disclose to the Patent Office all information known to the inventor, attorney or any other person who is substantively involved in the preparation or prosecution of the application or who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation accompanies this Statement.

Pursuant to 37 C.F.R. § 1.97(c) and (e)(1) this Information Disclosure Statement includes the following Certification that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Statement.

If applicable, copies of the International Search Report and any foreign patent office Search Report are enclosed for the Examiner's use, and these reports indicate the relevance of the cited references according to the respective search authorities.

Application Serial No. 10/613,138
Date November 17, 2003

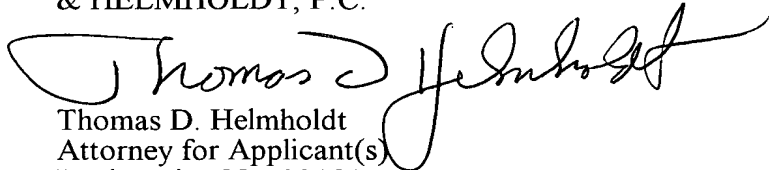
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These references constitute all the information of which the individuals pursuant to 37 C.F.R. § 1.56(c) are currently aware.

A copy of each cited reference is enclosed.

Respectfully submitted,

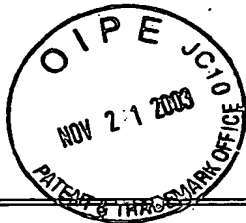
YOUNG, BASILE, HANLON, MacFARLANE, WOOD
& HELMHOLDT, P.C.

A handwritten signature in black ink, appearing to read "Thomas D. Helmholdt", written over the printed name and title.

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Dated: November 17, 2003
TDH/sem



Sheet 1 of 1

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT				ATTY. DOCKET NO. VTE-138-B		SERIAL NO. 10/613,138	
				APPLICANT Moler et al.			
				FILING DATE 07/03/2003		GROUP	
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,323,948	June 28, 1994	Yamazaki Nobuto et al.			
	AB	5,388,751	Feb 14, 1995	Harada Kouichi et al.			
	AC	5,746,422	May 5, 1998	Harada Kouichi et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AL	WO0179731A	Oct 25, 2001	PCT			Yes
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
	AR	SALIM R ET AL: "KLEINSTE OBJEKTE IM GRIFF A GRIP ON EVEN THE SMALLEST OBJECTS" F&M FEINWERKTECHNIC MIKROTECHNIC MIKROELEKTRONIK, CARL HANSWER GMBH & CO, DE, vol. 104, no. 9, 1 September 1996, pages 637-640, XP000636588					
	AS	XU WEI, KING TIM: "FLEXURE HINGES FOR PIEZOACTUATOR DISPLACEMENT AMPLIFIERS: FLEXIBILITY, ACCURACY, AND STRESS CONSIDERATIONS" PRECISION ENGINEERING, vol. 19, no. 1, July 1996 (1996-07), pages 4-10, XP002256802					
	AT						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not considered. Include a copy of this form with next communication to applicant.							